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Attorney Docket No.: 36992.00083 (HAL-187CIP)



## THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Date: 11 14 01

Paul A. Durdik

In re Application of:

Takeshi Ishizaki, et al.

Examiner:

Unassigned

Serial No.:

09/964,129

Art Unit:

2161

Filed:

September 25, 2001

Title:

**Integrated Service Management** 

System

Commissioner for Patents Washington, DC 20231

## INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. §§1.97-1.98

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R. §\$1.97-1.98, Applicants hereby notify the U.S. Patent and Trademark Office of the references listed on the attached Form PTO-1449. One copy of each cited reference is submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants reserve the right to dispute any of the listed documents as prior art during examination. Furthermore, Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present

In re Ishizaki, et al. U.S. Appln. No.: 09/964,129 Page 1 of 2 28166 Attorney Docket No.: 36992.00083 (HAL-187CIP)

application. The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other material information may exist.

The Examiner is requested to initial the enclosed Form PTO-1449 and return a copy thereof to the undersigned.

The present Information Disclosure Statement is being filed within three months of the filing date of the national application that is other than a continued prosecution application.

If for any reason an insufficient fee has been paid, please charge the insufficiency to Deposit Account No. <u>05-0150</u>.

Date: November 14, 2001

Squire, Sanders & Dempsey L.L.P. 600 Hansen Way Palo Alto, CA 94304-1043 Telephone (650) 856-6500 Facsimile (650) 843-8777 Respectfully submitted, Takeshi Ishizaki, et al.

Paul A. Durdik

Attorney for Applicants

Reg. No. 37,819

Substitute for form 1449A/PTO

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U.S. PATENT DOCUMENTS						
Examiner Initials No.1 U.S. Patent Document  U.S. Patent Document  Kind Code <sup>2</sup> (if known)		Number Kind Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear	
		5,768,271	Howard A. Seid, et al.	06-16-1998		
		6,073,172	Jean-Marc Frailong, et al.	06-06-2000		
		6,079,020	Quentin C. Liu, et al.	06-20-2000		
		6,112,085	William B. Garner, et al.	08-29-2000		
-		6,148,337	Donald G. Estberg, et al.	11-14-2000		
		6,173,399 B1	Sidney A. Gilbrech	01-09-2001		
		6,175,917 B1	Leslie J. Arrow, et al.	01-16-2001		
		6,178,505 B1	David S. Schneider, et al.	01-23-2001		
		6,205,488	Liam M. Casey, et al	03-20-2001		
	-					

FOREIGN PATENT DOCUMENTS  Foreign Patent Document Name of Patentee Date of Publication of Pages, Columns, Lines,								
Examiner Initials*	Cite No. <sup>1</sup>	Office <sup>3</sup>	Number <sup>4</sup> Ki	nd Code⁵ f known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T <sub>e</sub>
			EP 1,052,810 A2		James V. Luciani, et al.	11-15-2000		
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<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark hee if English language Translation is attached.

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ubstitute for form 1449A/PTO	Complete if Known			
VEODMATION DISCUSSING	Application Number	09/964,129		
NFORMATION DISCLOSURE	Filing Date	September 25, 2001		
STATEMENT BY APPLICANT	First Named Inventor	Takeshi Ishizaki, et al. 10/1/20		
	Group Art Unit	2151		

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**Examiner Name** Unassigned Attorney Docket Number 36992.00083 (HAL-187 CIP)

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>		
		Web Page: "Virtual Private Networks On Vendor Independent Networks", IBM Technical Disclosure Bulletin, Dated September 1992. Printed: April 20, 2001, Pages 326-329. URL:http://www.delphion.com/tdbs/tdb?ℴ=92A+62488			
		SCHNEIDER, J.M., T. PREUB, AND P.S. NIELSEN, "Management of Virtual Private Networks for Integrated Broadband Communication", Conference Proceedings on Communications Architectures, Protocol and Applications, 1993, Pages 224-237.			
		E. ROSEN, et al. "BGP/MPLS VPNs", Informational Internet Memo dated March 1999, RFC 2547, 22 pages URL: http://www.ietf.org/rfc/2547.txt?number=2547			
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